Special Issue

Iterative Processes for Nonlinear Problems with Applications

Message from the Guest Editors

Different problems in Science and Engineering lack a closed-form solution, mainly nonlinear problems. The direct way is usually not affordable, and efficient algorithms for solving real-world problems have become very important in recent years. These processes are present in artificial intelligence, aerospace communications, or other engineering applications. The purpose of this Special Issue is to bring together a collection of articles that reflect the latest advances in this field of research. This Special Issue will include (but not be limited to) iterative schemes for solving nonlinear equations and systems or dynamical analysis of iterative methods. In addition, these processes, or others, may be focused on applications such as the aerospace environment (GPS, preliminary orbit determination, etc.), neural networks (CNN, LSTM, etc.), artificial intelligence subprocesses, or chemical applications, amongst others.

- nonlinear problems
- iterative methods
- dynamical analysis
- GPS procedures
- optimization
- machine learning
- artificial satellites
- neural networks
- artificial intelligence

Guest Editors

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Message from the Editor-in-Chief

Axioms is dedicated to the foundations (structure and axiomatic basis, in particular) of mathematical theories, not only from a crisp or strictly classical sense, but also from a fuzzy and generalized sense. This includes the more innovative current scientific trends, devoted to discover and solve new challenging problems. The prime goal of *Axioms* is to publish first-class, original research articles under an open access policy with minimal fees for the authors. We would be pleased to welcome you as one of our authors.

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